

## NOTES.

THE concluding (June) number of volume 14 of the *Annals of Mathematics* contains the following papers: "On the uniformization of algebraic functions" by W. F. OSGOOD; "Manifolds of  $n$  dimensions," by O. VEULEN and J. W. ALEXANDER; "Systems of plane curves whose intrinsic equations are analogous to the intrinsic equation of an isothermal system," by H. W. REDDICK; "The probability of the arithmetic mean compared with that of certain other functions of the measurements," by E. L. DODD; "Cusp and undulation invariants of rational curves," by J. E. ROWE.

THE Paris academy of sciences has awarded the biennial Petit d'Ormay prize of 10000 francs to Professor C. GUICHARD, of the University of Paris, for his contributions to mathematics.

THE Belgian academy of sciences announces the following prize problem for the year 1914:

"Present a contribution to the study of the properties of analytic functions which cannot take certain values in a given domain."

Competing memoirs should be prepared under the usual conditions and be in the hands of the secretary before August 1, 1914. The prize is fr. 1000.

AN international committee has recently been formed to promote the establishment of uniform notations in the theories of potential and elasticity by international cooperation. In its first circular the committee requests from astronomers, mathematicians, and physicists replies to the following question: What are the notions and notations in respect of which it is desirable to establish uniformity? The replies will be collated as soon as possible, and a second circular will then be issued inviting suggestions as to the methods by which uniformity may be brought about. The subject will then be laid before the International congress of mathematicians in 1916 for discussion, and again in 1920 for a final decision.

Replies and inquiries should be addressed to Professor ARTHUR KORN, Schlüterstrasse 25, Charlottenburg-Berlin, Germany.